

Figure 1

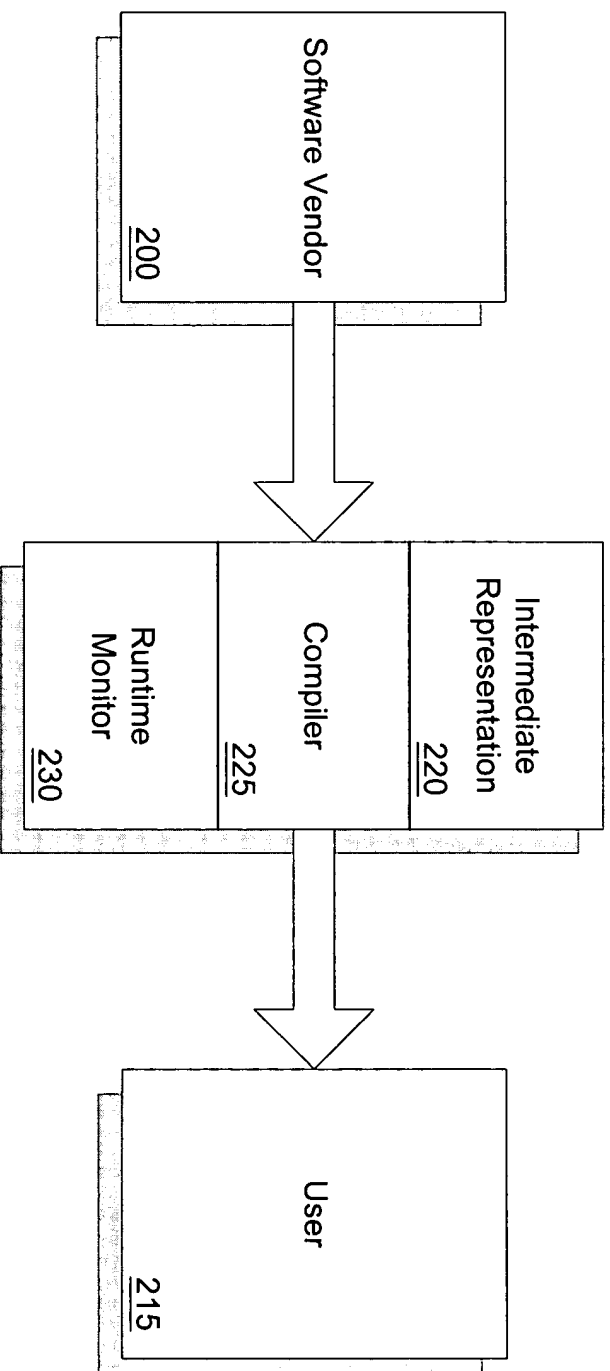


Figure 2

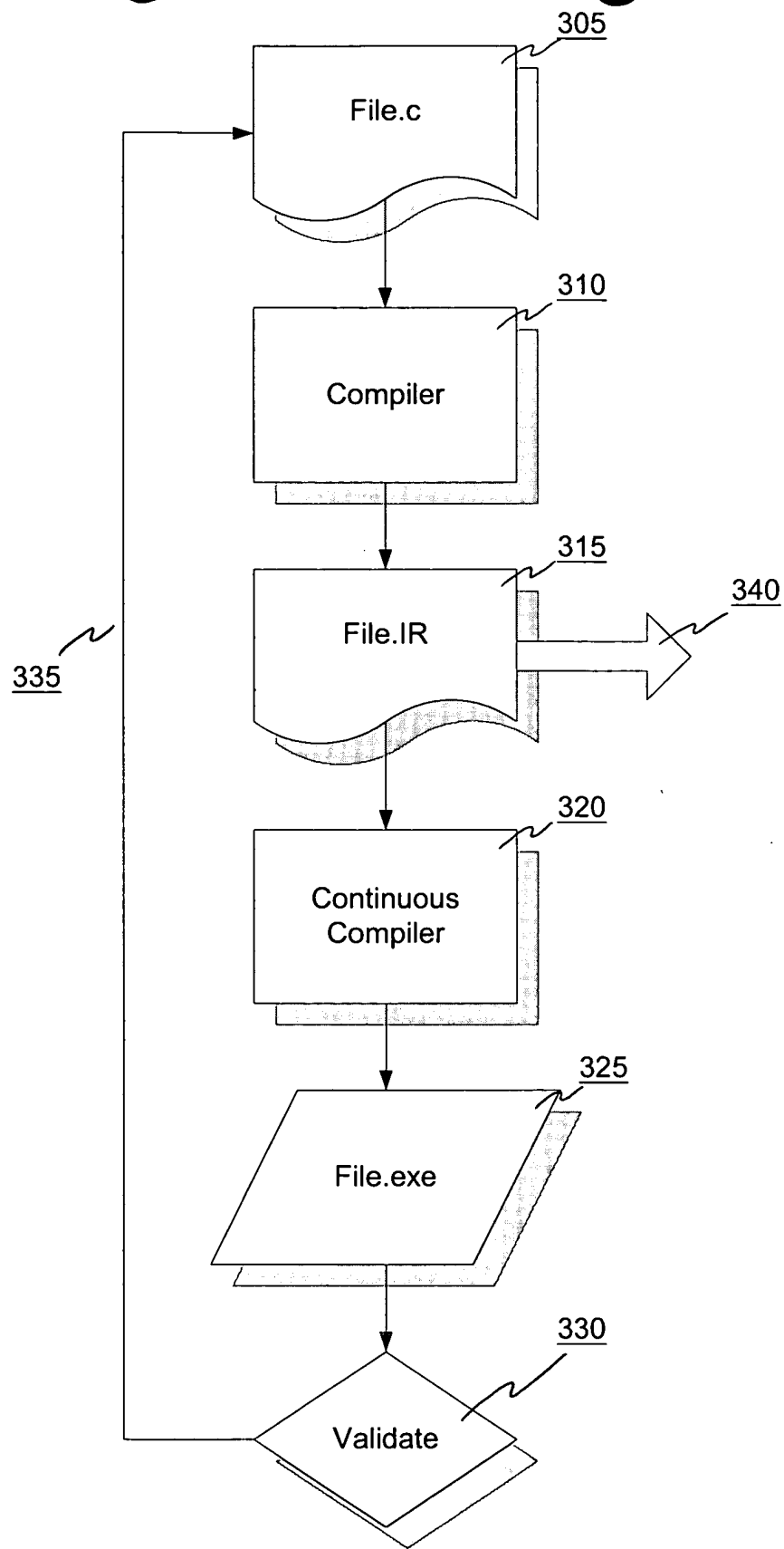
[illegible]

Figure 3

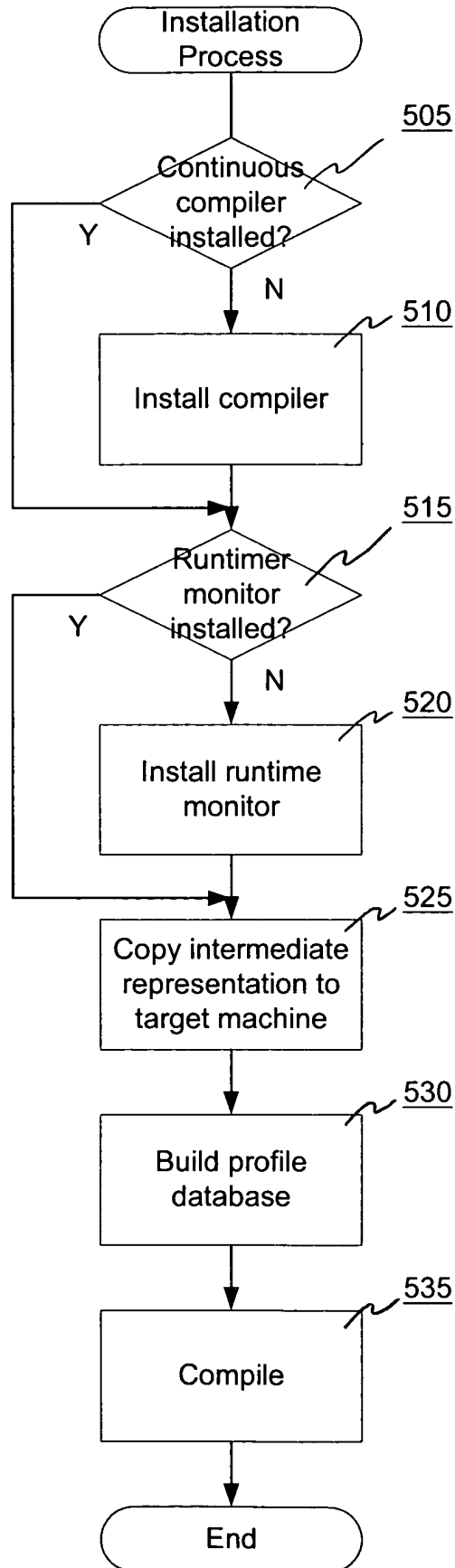


Figure 5

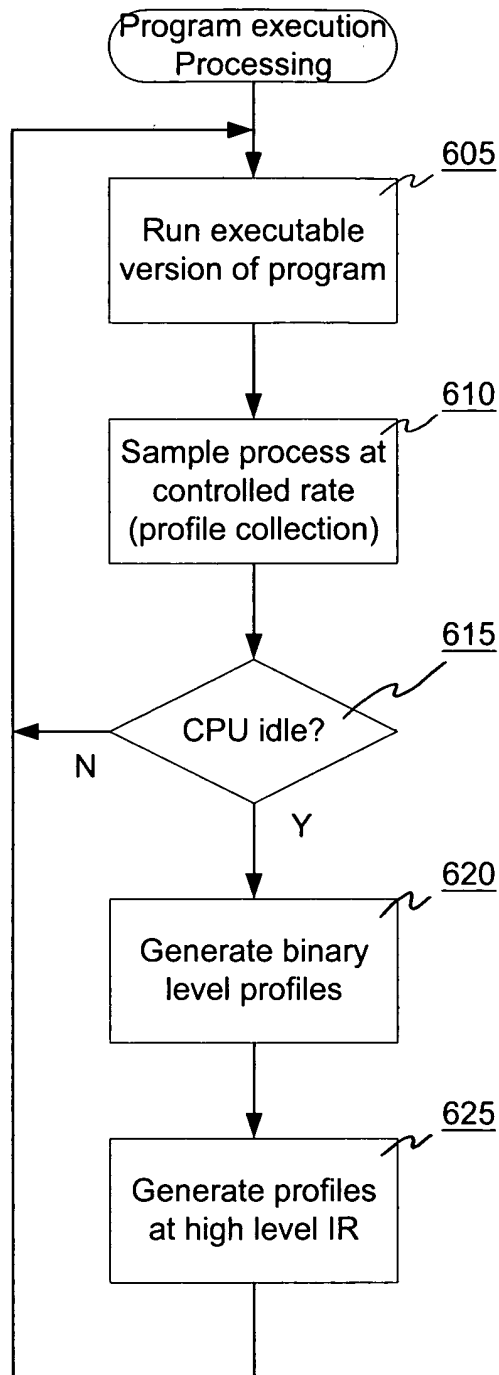


Figure 6

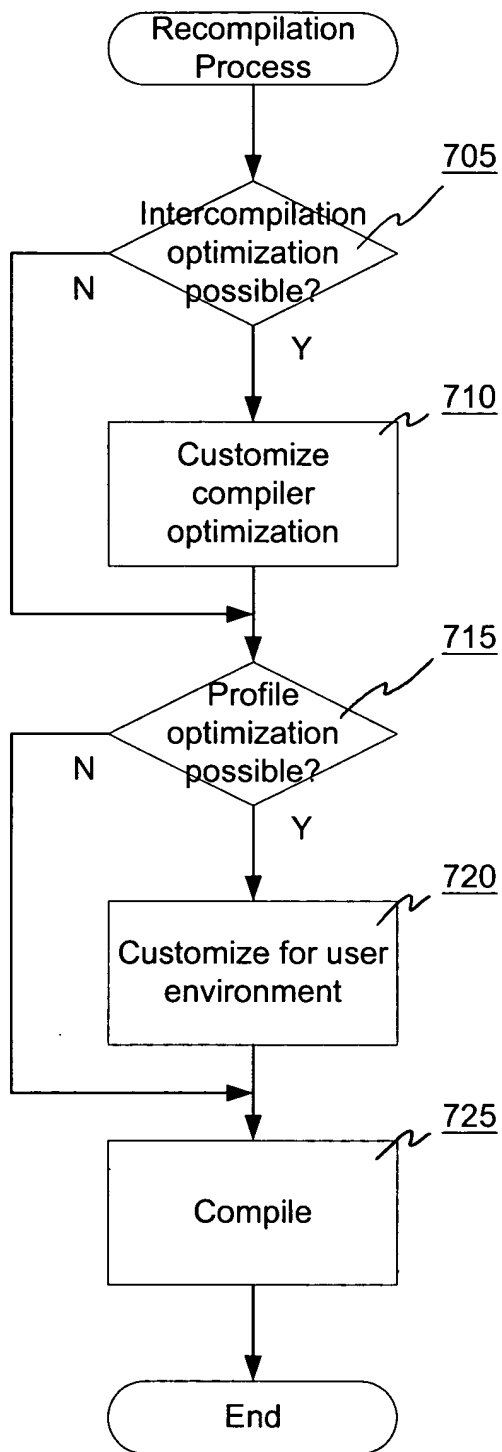


Figure 7

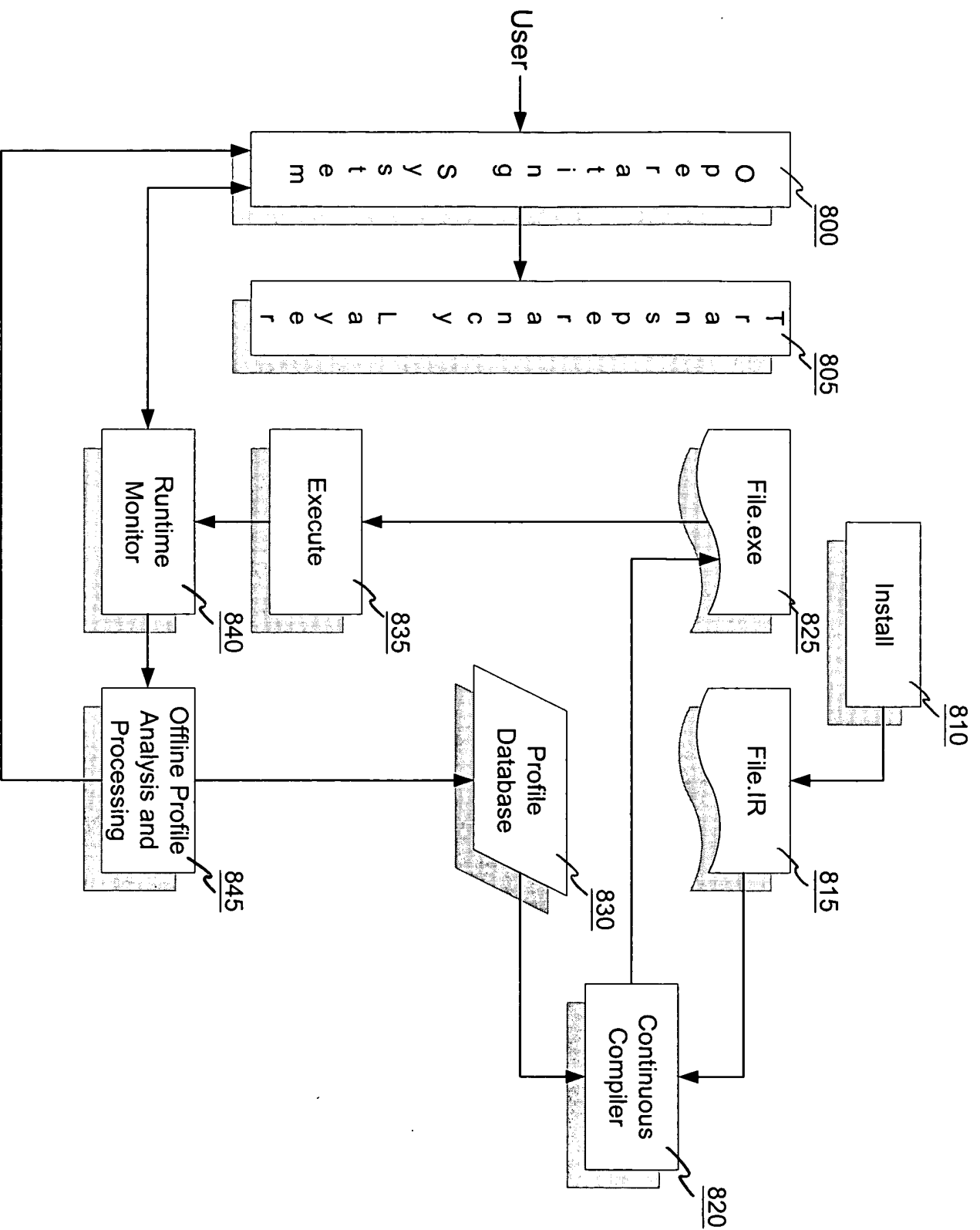


Figure 8

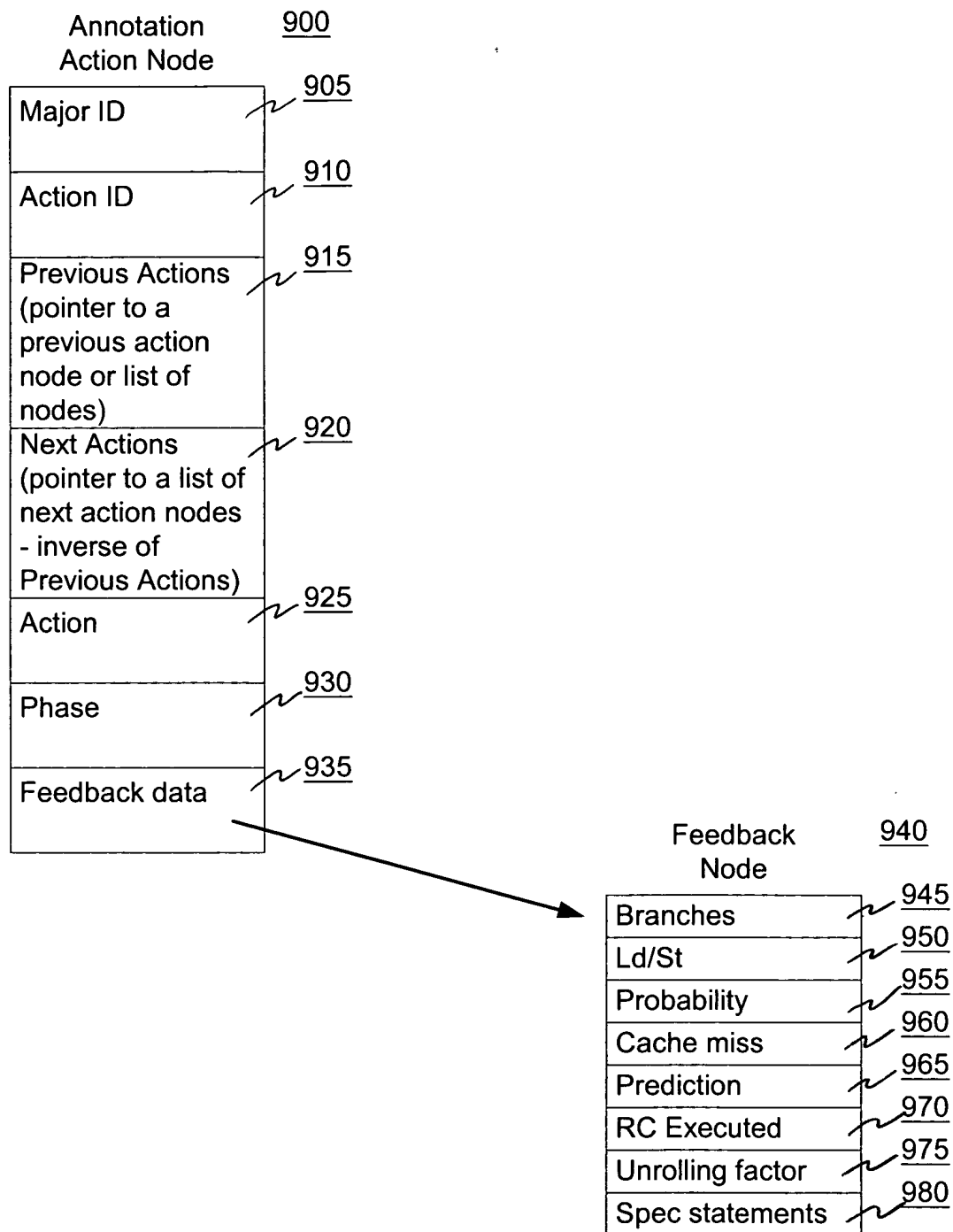


Figure 9

1000 1005 1010 1015 1020 1025 1030

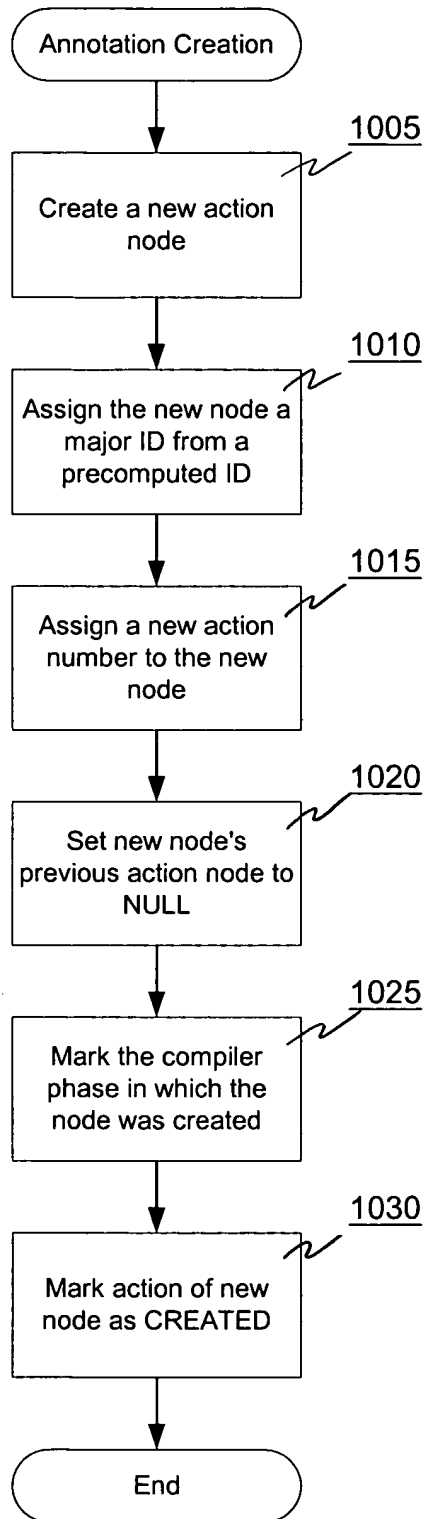


Figure 10


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graph TD; A([Annotation Deletion]) --> B[Create a new action node 1205]; B --> C[Copy the major ID from the action node of the instruction being deleted (previous action) 1210]; C --> D[Assign a new action number to the new node 1215]; D --> E[Set the previous action of the new node to the action node of the instruction being deleted 1220]; E --> F[Mark the compiler phase in which node was deleted 1225]; F --> G[Mark the action of the deleted node as DELETED 1230]; G --> H([End]);
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Figure 12

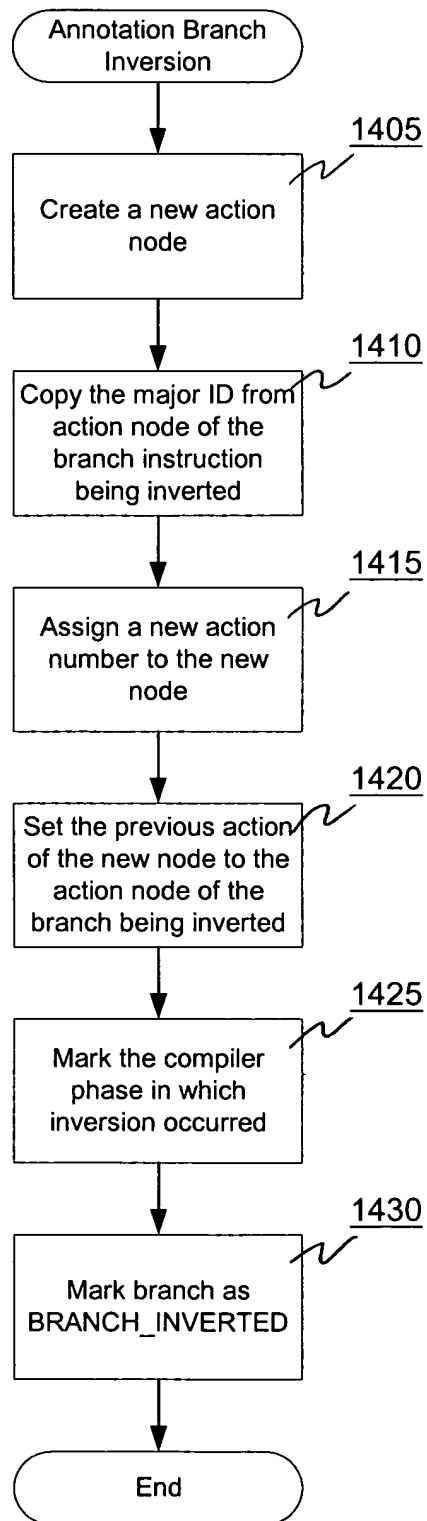


Figure 14